



01

OUR FIRST PROJECT





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cafe 'Tasty'



Halah eljaji-proposal



Janylmyrza Bakirova-
coding



Jyldyz Toktobolotova-
coding



Jurabaeva Fatima-
presentation

Planning

22

ideas about the program and the choice of what we want to create

distribution of duties

finish coding, writing proposal and preparing presentation.

Pushing final project to GitHub and submitting in ocs



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program for ordering drinks and foods

When you open the program, you will see on the left of the screen 8 types of drinks and 8 types of food from different cultures and countries. You can choose the drinks and foods you want and then choose the amount of them.





How it works?

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If you click on (Total), then you will see (cost of drink), (cost of food) and (service charge) then (total cost) - all of them are in the Som currency - .

You can press (Restart) to cancel orders and reset the account in the program or to return a new order.

But if you click on (Receipt), the receipt will appear in full on the right of the screen and include the items you have chosen and cost of the items.

In the end, after completion, press (Exit) to exit the program.

TASTY

- ☐ Grilled meat
- ☒ Grilled fish
- ☐ Chicken and rice
- ☐ Roast Chicken
- ☐ Onion Soup
- ☒ Tomato Soup
- ☒ Chicken Salad
- ☐ Vegetable omlette

0

1

0

1

2

0

1

0

- ☐ Mineral water
- ☒ Fresh juice
- ☐ Black Tea
- ☐ Green Tea
- ☐ English Tea
- ☒ Latte
- ☒ Espresso
- ☐ Cappuccino

0

1

0

0

0

2

1

0

Cost of Drinks Som 880.00
Cost of Foods Som 1280.00
Service Charge Som 60.00

Paid Tax Som 0.00
Sub Total Som 2220.00
Total Cost Som 2220.00

Receipt:

Receipt Ref: BILL140935 20/12/2020
Items Cos

| | |
|--------------------|--------------------|
| Grilled meat: | 0 |
| Grilled fish: | 1 |
| Chicken and rice: | 0 |
| Roast Chicken: | 1 |
| Onion Soup: | 2 |
| Tomato Soup: | 0 |
| Chicken Salad: | 1 |
| Vegetable omlette: | 0 |
| Mineral water: | 0 |
| Fresh juice: | 1 |
| Green Tea: | 0 |
| Black Tea: | 0 |
| English Tea: | 0 |
| Latte: | 2 |
| Espresso: | 1 |
| Cappuccino: | 0 |
| Cost of Drinks: | ('Som', '1280.00') |
| Cost of Foods: | ('Som', '880.00') |
| Tax Paid: | ('Som', '0.00') |
| SubTotal Paid: | |

Total Receipt Reset

Введите здесь текст для поиска



this is how program looks

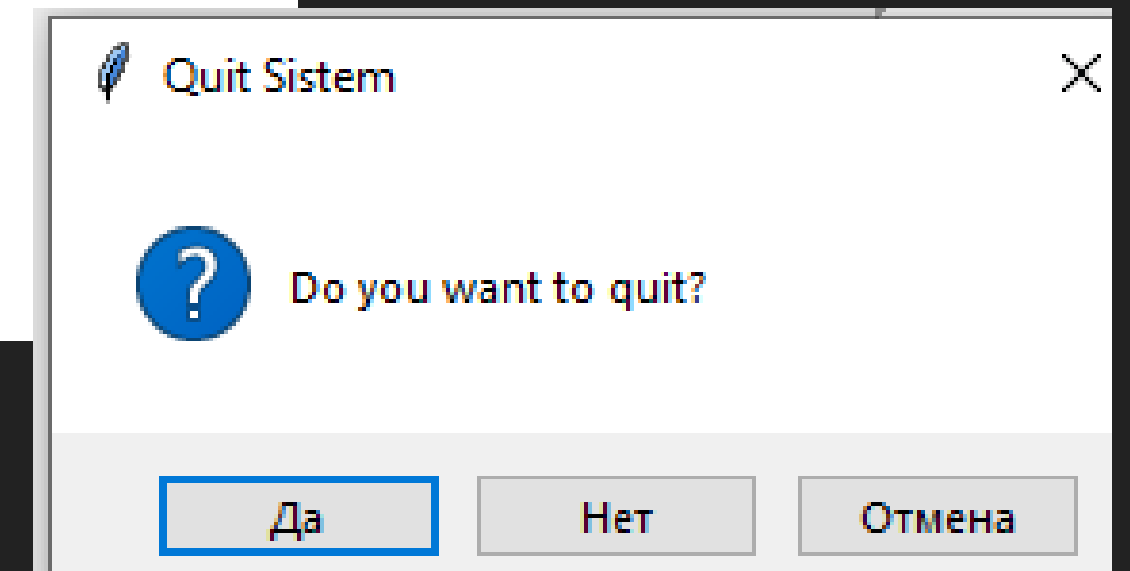


d

```
import tkinter
from tkinter import messagebox
from tkinter import *
import random
import time;
import datetime
```

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- we imported the tkinter library using import
- from import tkinter we used to call a separate class (completion window)
- import random is used to select food or drinks at will
- import time and datetime to show the time



```
#=====Method=====
def exit():
    qExit= tkinter.messagebox.askyesnocancel(title="Quit Sistem", message="Do you want to quit?")
    if qExit > 0:
        root.destroy()
    return
```



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```
Tops = Frame(root, width= 1350, height=100, bd=14, relief="raise")
Tops.pack(side=TOP)

f1 = Frame(root, width= 900, height=650, bd=8, relief="raise")
f1.pack(side=LEFT)

f2 = Frame(root, width= 440, height=650, bd=8, relief="raise")
f2.pack(side=RIGHT)

fla = Frame(f1, width= 900, height=330, bd=8, relief="raise")
fla.pack(side=TOP)

f2a = Frame(f1, width= 900, height=320, bd=6, relief="raise")
f2a.pack(side=BOTTOM)

ft2 = Frame(f2, width= 440, height=450, bd=12, relief="raise")
ft2.pack(side=TOP)
fb2 = Frame(f2, width= 440, height=250, bd=16, relief="raise")
fb2.pack(side=BOTTOM)

flaa = Frame(fla, width= 400, height=330, bd=16, relief="raise")
flaa.pack(side=LEFT)
flab = Frame(fla, width= 400, height=330, bd=16, relief="raise")
flab.pack(side=RIGHT)

f2aa = Frame(f2a, width= 450, height=330, bd=14, relief="raise")
f2aa.pack(side=LEFT)

f2ab = Frame(f2a, width= 450, height=330, bd=14, relief="raise")
f2ab.pack(side=RIGHT)

Tops.configure(background="violet")
f1.configure(background="violet")
f2.configure(background="violet")

lblInfo = Label(Tops, font=("arial",70,"bold"), text= "Cafe \"TASTY\"", bd=10)
lblInfo.grid(row=0 ,column=0)
#=====Method=====
```

Menu area

top- title

f1aa-foods

f1ab-drinks

f2aa-cost of drinks and foods, service
charge

f2ab-total cost

ft2-receipt

fb2-total, receipt, reset, exit ...



def reset-reset information

at the beginning all dishes
are marked as disabled, but
if they are checked, they are
marked as normal, and you
can write how many portions
to order

```
txtBlack_Tea.configure(state= DISABLED)
txtEspresso.configure(state= DISABLED)
txtLatte.configure(state= DISABLED)
txtGreen_Tea.configure(state= DISABLED)
txtCappuccino.configure(state= DISABLED)
txtLemonade.configure(state= DISABLED)
txtAmerican_Coffee.configure(state= DISABLED)
txtJuices.configure(state= DISABLED)
txtGan_Fan.configure(state= DISABLED)
txtCheese_sticks.configure(state= DISABLED)
txtSushi.configure(state= DISABLED)
txtBeefsteak.configure(state= DISABLED)
txtLagman.configure(state= DISABLED)
txtKebab.configure(state= DISABLED)
txtPizza.configure(state= DISABLED)
txtBurger.configure(state= DISABLED)
```

```
#####CheckButton#####
def chkbutton_value():
    if (var1.get() == 1):
        txtBlack_Tea.configure(state= NORMAL)
    elif var1.get() == 0:
        txtBlack_Tea.configure(state= DISABLED)
        E_Black_Tea.set("0")
    if (var2.get() == 1):
        txtEspresso.configure(state= NORMAL)
    elif var2.get() == 0:
        txtEspresso.configure(state= DISABLED)
        E_Espresso.set("0")
    if (var3.get() == 1):
        txtLatte.configure(state= NORMAL)
    elif var3.get() == 0:
        txtLatte.configure(state= DISABLED)
        E_Latte.set("0")
    if (var4.get() == 1):
        txtGreen_Tea.configure(state= NORMAL)
    elif var4.get() == 0:
        txtGreen_Tea.configure(state= DISABLED)
        E_Green_Tea.set("0")
    if (var5.get() == 1):
        txtCappuccino.configure(state= NORMAL)
    elif var5.get() == 0:
```

```
def Reset():
    TotalCost.set("")
    CostofDrinks.set("")
    CostofFoods.set("")
    ServiceCharge.set("")
    txtReceipt.delete("1.0",END)
```

```
E_Black_Tea.set("0")
E_Espresso.set("0")
E_Latte.set("0")
E_Green_Tea.set("0")
E_Cappuccino.set("0")
E_Lemonade.set("0")
E_American_Coffee.set("0")
E_Juices.set("0")
```

```
E_Gan_Fan.set("0")
E_Cheese_sticks.set("0")
E_Sushi.set("0")
E_Beefsteak.set("0")
E_Lagman.set("0")
E_Kebab.set("0")
E_Pizza.set("0")
E_Burger.set("0")
```

```
var1.set(0)
var2.set(0)
var3.set(0)
```



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Receipt:

| | | |
|-----------------------------------|---------------|------------|
| Receipt Ref: | BILL154155 | 27/12/2020 |
| Items | Cost of Items | |
| Black Tea: | 0 | |
| Espresso: | 0 | |
| Latte: | 2 | |
| Green Tea: | 0 | |
| Cappuccino: | 0 | |
| Lemonade: | 0 | |
| American Coffee: | 0 | |
| Juices: | 0 | |
| Gan Fan: | 0 | |
| Cheese sticks: | 0 | |
| Sushi: | 0 | |
| Beefsteak: | 3 | |
| Lagman: | 0 | |
| Kebab: | 1 | |
| Pizza: | 0 | |
| Burger: | 0 | |
| Cost of Drinks: ('Som', '420.00') | | |
| Cost of Foods: ('Som', '1360.00') | | |
| Service Charge: ('Som', '178.00') | | |

Total

Receipt

Reset

Exit

Def receipt-the receipt shows information about when, what and how many dishes you ordered

```
#=====
def Receipt():
    txtReceipt.delete("1.0",END)
    x = random.randint(10908,500876)
    randomRef = str(x)
    Receipt_Ref.set("BILL"+ randomRef)

    txtReceipt.insert(END,"Receipt Ref:\t\t\t"+ Receipt_Ref.get()+"\t\t"+ DateofOrder.get()+"\n")
    txtReceipt.insert(END,"Items\t\t\t\t\t"+Cost of Items\n\n")
    txtReceipt.insert(END,"Black Tea:\t\t\t\t\t"+E_Black_Tea.get()+"\n")
    txtReceipt.insert(END,"Espresso:\t\t\t\t\t"+E_Espresso.get()+"\n")
    txtReceipt.insert(END,"Latte:\t\t\t\t\t"+E_Latte.get()+"\n")
    txtReceipt.insert(END,"Green Tea:\t\t\t\t\t"+E_Green_Tea.get()+"\n")
    txtReceipt.insert(END,"Cappuccino:\t\t\t\t\t"+E_Cappuccino.get()+"\n")
    txtReceipt.insert(END,"Lemonade:\t\t\t\t\t"+E_Lemonade.get()+"\n")
    txtReceipt.insert(END,"American Coffee:\t\t\t\t\t"+E_American_Coffee.get()+"\n")
    txtReceipt.insert(END,"Juices:\t\t\t\t\t"+E_Juices.get()+"\n")
    txtReceipt.insert(END,"Gan Fan:\t\t\t\t\t"+E_Gan_Fan.get()+"\n")
    txtReceipt.insert(END,"Cheese sticks:\t\t\t\t\t"+E_Cheese_sticks.get()+"\n")
    txtReceipt.insert(END,"Sushi:\t\t\t\t\t"+E_Sushi.get()+"\n")
    txtReceipt.insert(END,"Beefsteak:\t\t\t\t\t"+E_Beefsteak.get()+"\n")
    txtReceipt.insert(END,"Lagman:\t\t\t\t\t"+E_Lagman.get()+"\n")
    txtReceipt.insert(END,"Kebab:\t\t\t\t\t"+E_Kebab.get()+"\n")
    txtReceipt.insert(END,"Pizza:\t\t\t\t\t"+E_Pizza.get()+"\n")
    txtReceipt.insert(END,"Burger:\t\t\t\t\t"+E_Burger.get()+"\n")
    txtReceipt.insert(END,"Cost of Drinks:\t\t"+CostofDrinks.get()+"\n")
    txtReceipt.insert(END,"Cost of Foods:\t\t"+CostofFoods.get()+"\n")
    txtReceipt.insert(END,"Service Charge:\t\t"+ServiceCharge.get()+"\n")
    txtReceipt.insert(END,"Total Cost:\t\t"+TotalCost.get()+"\n")
#=====
```

```
var1= IntVar()
var2= IntVar()
var3= IntVar()
var4= IntVar()
var5= IntVar()
var6= IntVar()
var7= IntVar()
var8= IntVar()
```

Meeting Schedule

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since now online training, we did not have any meetings either. we communicated through the telegram group, messengers or called each other



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End of the project

<https://github.com/f-jurabaeva/project.git>

